IN THE CLAIMS:

The following listing of claims replaces any earlier listing:

1-13. (Cancelled)

14. (Currently Amended) A vehicle environment surveillance unit (0) with a plausibility check and operator alert, including

a video display (1),

at least one image sensor (3) for acquisition of environmental information,

a computer or processor (2) for processing the acquired environment information into image information and displaying the results on the video display (1),

an intermediate memory (4) into which the image information is additionally recorded, and

comparison means for carrying out a plausibility check including an image processing algorithm (5) via which the most recently recorded image is compared with the image information stored in intermediate memory and evaluated for plausibility and triggering a modification of the displayed video image to alert the vehicle operator on detecting an implausible ~~impermissible~~ deviation between the most recently recorded image and the image information in the intermediate memory,

wherein, during comparison of the most recently recorded image with the image information in memory, vehicle operating parameters (6) are ~~fed to the vehicle environment surveillance unit (0) in order to determine an impermissible deviation by the fact that an expected deviation of the image information between time points of acquiring the most recently recorded image and the stored image information due to the operating parameters does not plausibly correlate with the result of a comparison of the image information~~ additionally taken into consideration.

15. (Previously Presented) The vehicle environment surveillance unit according to Claim 14, wherein the operating parameter (6) is a parameter which provides information regarding whether the vehicle is moving forwards or backwards or standing still.

16. (Previously Presented) The vehicle environment surveillance unit according to Claim 14, wherein the operating parameter (6) is the vehicle speed.

17. (Currently Amended) The vehicle environment surveillance unit according to Claim 14, wherein, in the case of an implausible ~~impermissible~~ deviation between the most recently recorded image and the image information in memory, an error message is displayed on the video display (1).

18. (Previously Presented) The vehicle environment surveillance unit according to Claim 14, wherein, in the case of an implausible ~~impermissible~~ deviation between the most recently recorded image and the image information in memory, the video image display (1) is automatically switched off.

19. (Previously Presented) The vehicle environment surveillance unit according to Claim 14, wherein for correction of the displayed video image a new image is acquired and the newly acquired image replaces the most recently recorded image.

20. (Previously Presented) The vehicle environment surveillance unit according to Claim 14, wherein in the case that a re-initiation of the image recording is no longer possible, an error message is displayed on the video image display (1).

21. (Previously Presented) The vehicle environment surveillance unit according to Claim 14, wherein in the case that a re-initiation of the image display is no longer possible, the video image display (1) is automatically switched off.

22. (Previously Presented) The vehicle environment surveillance unit according to Claim 14, wherein the vehicle operator is informed regarding an implausible ~~impermissible~~ deviation between the most recently recorded image and the image information in memory by a means independently of the video image display (1), which independent means is in communication with the vehicle environment surveillance unit (0).

23. (Previously Presented) The vehicle environment surveillance unit according to Claim 22, wherein an optical display means is used as the warning means (7) providing optical signals for informing the vehicle operator.

24. (Currently Amended) ~~The~~ A vehicle environment surveillance unit ~~according to Claim 22~~ (0) with a plausibility check and operator alert, including

a video display (1),

at least one image sensor (3) for acquisition of environmental information,

a computer or processor (2) for processing the acquired environment information into image information and displaying the results on the video display (1),

an intermediate memory (4) into which the image information is additionally recorded, and

comparison means for carrying out a plausibility check including an image processing algorithm (5) via which the most recently recorded image is compared with the image information stored in intermediate memory and evaluated for plausibility and triggering ~~wherein~~ an acoustic output means ~~is provided~~ as the warning means (7), providing acoustic signals to alert ~~for informing~~ the vehicle operator on detecting an

implausible deviation between the most recently recorded image and the image information in the intermediate memory,

wherein, during comparison of the most recently recorded image with the image information in memory, vehicle operating parameters (6) are additionally taken into consideration.

25. (Previously Presented) The vehicle environment surveillance unit according to Claim 14, wherein said vehicle environment surveillance system (0) is a night vision system.

26. (Previously Presented) The vehicle environment surveillance unit according to Claim 14, wherein said vehicle environment surveillance system (0) is a system for locating a parking place.

27. (Currently Amended) A method for displaying image information for a vehicle environment surveillance unit (0), said method comprising:

acquiring environmental information using at least one image sensor (3),

processing the acquired environment information with a computer or processor (2) into image information,

displaying the processed image information on a video display (1),

separately, storing the processed image information in an intermediate memory (4), and

comparing the most recently recorded image with the image information stored in intermediate memory using an image processing algorithm (5) in which the most recently recorded image is compared with the image information stored in intermediate memory and evaluated for plausibility, and

triggering a modification of the displayed video image to alert the vehicle operator on detecting an implausible ~~impermissible~~ deviation between the most recently recorded image and the image information in the intermediate memory,

wherein, during comparison of the most recently recorded image with the image information in memory, vehicle operating parameters (6) are ~~fed to the vehicle environment surveillance unit (0) in order to determine an impermissible deviation by the fact that an expected deviation of the image information between time points of acquiring the most recently recorded image and the stored image information due to the operating parameters does not plausibly correlate with the result of a comparison of the image information~~ additionally taken into consideration.

28. (Previously Presented) The method according to Claim 27, wherein said vehicle environment surveillance system (0) is a night vision system.

29. (Previously Presented) The method according to Claim 27, wherein said vehicle environment surveillance system (0) is a system for locating a parking place.